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II. *A Catalogue of Eclipses of Jupiter's Satellites for the Year 1734. By James Hodgson, F. R. S. Master of the Royal Mathematical School at Christ's Hospital, London.*

ECLIPSES of the first Satellite of JUPITER.

Immersions.				Immersions.				Immersions.			
D.	H.	M.	S.	D.	H.	M.	S.	D.	H.	M.	S.
JANUARY.				9	15	24	25*	22	8	26	49
				11	9	52	57	24	2	55	41
1	17	5	54*	13	4	21	32	25	21	24	35
3	11	33	37	14	22	50	10	27	15	53	28*
5	6	1	23	16	17	18	49*	29	10	22	20
7	00	29	9	18	11	47	29	31	4	51	11
8	18	57	01*	20	6	16	13	APRIL.			
10	13	24	50	22	00	44	57				
12	7	52	43	23	19	13	42				
14	2	20	40	25	13	42	29*				
15	20	48	39	27	8	11	17				
17	15	16	40*	29	2	40	6	1	23	20	3
19	9	44	41	MARCH.				3	17	48	54
21	4	12	48					5	12	17	46*
22	22	40	55					7	6	46	37
24	17	9	6*					9	1	15	27
26	11	37	18					10	19	44	14
28	6	5	34	1	2	40	12	12	14	12	59*
30	00	33	52	2	21	9	4	14	8	41	45
31	19	2	13*	4	15	37	56*	16	3	10	30
FEBRUARY.				6	10	6	46	17	21	39	12
				8	4	35	38	19	16	7	55*
				9	23	4	32	21	10	36	33
				11	17	33	25*	23	5	5	15
				13	12	2	17	24	23	33	52
2	13	30	34	15	6	31	11	26	18	2	26
4	7	58	59	17	1	00	6	28	12	31	00*
6	2	27	26	18	19	29	00	30	6	59	33
7	20	55	55	20	13	57	54*	MAY			

ECLIPSES of the first Satellite of JUPITER.

Immersions.				Emerfions.				Emerfions.			
D.	H.	M.	S.	D.	H.	M.	S.	D.	H.	M.	S.
MAY.				18	22	22	29	5	17	17	1
				20	16	50	47	7	11	46	9
2	1	28	4	22	11	19	8*	9	6	15	17
3	19	56	32	24	5	47	30	11	00	44	26
5	14	25	2*	26	00	15	55	12	19	13	37
7	8	53	50*	27	18	44	20	14	13	42	49
9	3	23	59	29	13	12	45	16	8	12	3
10	21	50	24					18	2	41	18
12	16	18	47*	JULY.				19	21	10	33
14	10	47	8*					21	15	39	50
Emerfions.				1	7	41	11	23	10	9	7*
16	7	25	9	3	2	9	39	25	4	38	26
18	1	53	30	4	20	38	10	26	23	7	47
19	20	21	50	6	15	6	44	28	17	37	7
21	14	50	10*	8	9	35	18*	30	12	6	30
23	9	18	28	10	4	3	53	SEPTEMBER.			
25	3	46	46	11	22	32	31				
26	22	15	1	13	17	1	13				
28	16	43	16	15	11	29	57*	1	6	35	51*
30	11	11	32	17	5	58	43	3	1	5	13
				19	00	27	29	4	19	34	35
				20	18	56	18	6	14	3	57
				22	13	25	8	8	8	33	20*
				24	7	54	00*	10	3	2	43
				26	2	22	55	11	21	32	5
				27	20	51	52	13	16	1	27
				29	15	20	52	15	10	30	49
				31	9	49	52*	17	5	00	9
				AUGUST.				18	23	29	28
								20	17	58	47
								22	12	28	6
				2	4	18	55	24	6	57	22*
				3	22	47	57	26	1	26	37
				D 2				27			

ECLIPSES *of the second Satellite of* JUPITER.

[illegible]

ECLIPSES of the second Satellite of JUPITER.

Immersion.				Emerfions.				Emerfions.			
D.	H.	M.	S.	D.	H.	M.	S.	D.	H.	M.	S.
MAY.				9	3	14	16	OCTOBER.			
				12	16	32	9				
				16	5	50	15				
2	12	9	00*	19	19	8	23	2	10	48	43
6	1	26	31	23	8	26	43*	6	00	7	33
9	14	43	59*	26	21	45	10	9	13	26	16
13	4	1	20	30	11	3	47	13	2	44	53
								16	16	3	18
Emerfions.				AUGUST.				20	5	21	27*
16	19	54	45					23	18	39	27
20	9	12	3*	3	00	22	29	27	7	57	25
23	22	29	18	6	13	41	19	30	21	15	8
27	11	46	27*	10	3	00	17	NOVEMBER.			
31	1	3	36	13	16	19	19				
				17	5	38	27	3	10	32	36
JUNE.				20	18	57	37	6	23	49	51
				24	8	16	55*	10	13	6	55
3	14	20	41*	27	21	36	15	14	2	23	49
7	3	37	45	31	10	55	38	Jupiter and the Sun			
10	16	54	54					in Conjunction.			
14	6	12	4	SEPTEMBER.							
17	19	29	16					DECEMBER.			
21	8	46	31	4	00	15	1				
24	22	3	51	7	13	34	21	Jupiter and the Sun			
28	11	21	17*	11	2	53	46	in Conjunction.			
				14	16	13	4	19	12	23	54
JULY.				18	5	32	23	23	1	39	49
				21	18	51	36	26	14	55	48
2	00	38	49	25	8	10	46	30	4	11	52
5	13	56	29	28	21	29	45				

ECLIPSES of the third Satellite of JUPITER.

D. H. M. S.	D. H. M. S.	D. H. M. S.		
JANUARY.				
Immersions.				
6 23 59 59	12 11 42 3*	JUNE.		
14 3 55 42	19 15 41 54			
21 7 52 2	26 19 41 39			
28 11 49 2	Emerfions.			
Emerfions.				
7 2 17 13	5 10 3 57	27 23 17 8		
14 6 13 22	12 14 4 19*	Emerfions.		
21 10 10 10	19 18 4 50	6 13 56 4	JULY.	
28 14 7 40	26 22 5 17	13 17 54 3		
FEBRUARY.				
Immersions.				
4 15 46 40*	APRIL.		Immersions.	
11 19 44 52	Immersions.			
18 23 43 35	2 23 41 18	5 3 15 15		
26 3 42 45	10 3 40 51	12 7 13 52		
Emerfions.			19 11 13 4*	
4 18 5 50*	17 7 40 1	26 15 12 45	AUGUST.	
11 22 4 36	24 11 38 52*	Immersions.		
19 2 3 55	Emerfions.			Immersions.
26 6 3 43	3 2 5 38	5 5 49 33		
MARCH.				
Immersions.				
5 7 42 21	10 6 5 53	12 9 48 58*		
APRIL.			19 13 49 00	
Immersions.			26 17 49 31	
1 15 37 21	MAY.		Immersions.	
8 19 35 30	Immersions.			2 19 12 59
Emerfions.			9 23 13 42	
16 2 1 55	1 15 37 21	2 19 12 59	17 3 14 49	
23 6 00 13	8 19 35 30	9 23 13 42	24 7 16 12*	
30 9 58 12*	JUNE.		31 11 17 52	
Immersions.				
Emerfions.				

AUGUST

ECLIPSES of the *third Satellite of JUPITER.*

D. H. M. S.	D. H. M. S.	D. H. M. S.	
AUGUST.			
Emerfions.			
2 21 50 35	7 18 1 26	13 14 11 15	
10 1 52 8	14 22 4 3	20 18 11 32	
17 5 54 5	22 2 6 30	27 22 11 18	
24 9 56 18	29 6 8 33*		
31 13 58 48			
SEPTEMBER.			
Immerfions.			
7 15 19 38	6 7 24 53		
14 19 21 23	13 11 25 7		
21 23 22 58			
29 3 24 9			
OCTOBER.			
Immerfions.			
EMERFIONS.			
NOVEMBER.			
Emerfions.			
DECEMBER.			
Immerfions.			

ECLIPSES of the *fourth Satellite of JUPITER.*

NOVEMBER the 2d.

H. M. S.

Immerfion at 3 40 39

Emerfion at 4 12 27

Jupiter and the Sun in Conjunction.

DECEMBER the 22d.

H. M. S.

Immerfion at 8 44 59

Emerfion at 10 27 1

N B. Those that are marked with a Star, are
visible at London.